

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Jürgen Schulz-Harder

Group Art Unit: 3743

Serial No : 09/294,388

Examiner: Atkinson, C.

Filed : April 20, 1999

For : A COOLER FOR ELECTRICAL  
COMPONENTS

AMENDMENT A

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Responsive to the Office Action of August 15, 2000,  
please amend the application as follows:

In the Specification:

(NE) page 6 line 2, change "14" to --14A and 14B--.

In the Claims:

Amend claim 31 as follows:

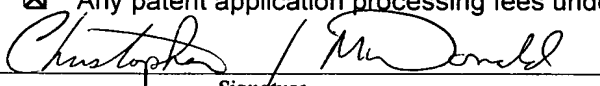
B<sup>1</sup>  
31. (Amended) A cooler[, in the form of a heat pipe,]  
having a housing in which [an] a closed interior space [closed  
to the outside] is formed to hold a liquid, vaporizable coolant  
or heat-transport medium, with at least one first cooling or  
vaporization area formed in the housing interior for  
accommodating a heat output and a second condensation area [which  
is] formed in the housing and is spatially distant for  
dissipating heat, the housing comprising: a plurality of plates  
which are superficially joined to one another and which are  
provided with a plurality of openings for forming channels which  
are interconnected and which join the first area and the second  
area; and at least two metal layers which follow one another in  
a stack and are structured to form at least one capillary area  
which extends between the first cooling or vaporization area and  
the second condensation area, and that at least one other metal

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9/B  
J.E.  
11-21-00

<b>AMENDMENT TRANSMITTAL LETTER (Small Entity)</b>				Docket No. <b>A-6621</b>	
Applicant(s): <b>Jurgen Schulz-Harder</b>					
Serial No. <b>09/294,388</b>	Filing Date <b>April 20, 1999</b>	Examiner <b>C. Atkinson</b>	Group Art Unit <b>3743</b>		
Invention: <b>A COOLER FOR ELECTRICAL COMPONENTS</b>					
<u>TO THE ASSISTANT COMMISSIONER FOR PATENTS:</u>					
Transmitted herewith is an amendment in the above-identified application.					
<input checked="" type="checkbox"/> Small Entity status of this application has been established under 37 CFR 1.27 by a verified statement previously submitted. <input type="checkbox"/> A verified statement to establish Small Entity status under 37 FR 1.27 is enclosed.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	33 -	31 =	2 x	\$9.00	\$18.00
INDEP. CLAIMS	3 -	3 =	0 x	\$40.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$18.00</b>
<input type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ A duplicate copy of this sheet is enclosed. <input checked="" type="checkbox"/> A check in the amount of <b>\$18.00</b> to cover the filing fee is enclosed. <input type="checkbox"/> The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. _____ A duplicate copy of this sheet is enclosed. <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.					
 _____ Signature			Dated: <b>11/15/00</b>		
<b>Christopher J. McDonald / Reg. 41,533</b> <b>Hoffman, Wasson &amp; Gitler, P.C.</b> <b>2361 Jefferson Davis Highway</b> <b>Suite 522</b> <b>Arlington, VA 22202</b> <b>(703)415-0100</b>			I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.  _____ Signature of Person Mailing Correspondence  _____ Typed or Printed Name of Person Mailing Correspondence		

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